

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

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Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 13 February 2004

Art Unit: *to be assigned*

For: SECURITY METHOD FOR OPERATOR ACCESS CONTROL OF NETWORK
MANAGEMENT SYSTEM

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application

Commissioner for Patents

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Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes and provides copies of the following art references:

1. US Patent No. 5,889,470 to Kaycee *et al.*, entitled *DIGITAL SUBSCRIBER LINE ACCESS DEVICE MANAGEMENT INFORMATION BASE*, issued on March 30, 1999.
2. US Patent No. 6,301,669 to Boden *et al.*, entitled *SYSTEM AND METHOD FOR VERY FAST IP PACKET FILTERING*, issued on 9 October 2001.
3. US Patent No. 6,529,515 to Raz *et al.*, entitled *METHOD AND APPARATUS FOR EFFICIENT NETWORK MANAGEMENT USING AN ACTIVE NETWORK MECHANISM* issued on March 4, 2003.
4. US Patent No. 6,654,388 to Lexenberg *et al.*, entitled *METHOD AND APPARATUS FOR AUTOMATICALLY DETERMINING ALLOCATION OF VOICE AND DATA*

CHANNELS ON T1/E1 LINE, issued on November 25, 2003.

Kaycee *et al.* '470 relates to a digital subscriber line (DSL) access device management information base (MIB) which allows the remote management of a DSL access device by using a constructed enterprise DSL MIB to define a plurality of objects that describe the operation of a DSL access device. These objects are used to monitor the performance of, and if desired, send commands to the DSL access device. The enterprise DSL MIB contains a first child group which contains selected ones of the plurality of objects which describe information specific to digital subscriber line access devices, a second child group containing selected ones of the plurality of objects which describe statistics specific to a digital subscriber line access device link, and a third child group containing selected ones of the plurality of objects which define IP (Internet Protocol) and MAC (Media Access Control) layer filter addresses corresponding to a specific digital subscriber line access device interface on a specific digital subscriber line access device module within a digital subscriber line access device. The enterprise DSL MIB also includes a trap child group which describes the DSL access device uptime and downtime.

Boden *et al.* '699 relates to a small, optimized sequences of binary 6-tuples representing filter rules which achieve very fast IP packet filtering. Filtering IP packets received from a caller at the physical interface to an operating system kernel is accomplished by processing FILTER rule statements entered by a user in a rules file to generate 6-tuple filtering rules, each of the 6-tuple filtering rules including an operator index; resolving relative and symbolic indexes in these 6-tuples filtering rules to form resolved filtering rules and loading the resolved filtering rules to the operating system kernel; and interpreting the resolved filtering rules for each IP packet received at the physical interface.

Raz *et al.* '515 relates to a distributed network management function which is implemented in a computer network using a set of active nodes. Each of the active nodes comprises a router and a logically-separate active engine. The router in a given one of the active nodes diverts active


packets associated with the network management function to the corresponding active engine for processing. The active engine supports one or more sessions, based at least in part on the active packets, for implementing at least a portion of the network management function. Each of the sessions supported by the active engine corresponds to a particular distributed task to be performed in the network, and has associated therewith a unique network identifier, such that different programs on different network nodes can belong to the same session. The router and active engine at a given one of the nodes may reside on the same machine, or on physically-separate machines.

Lexenberg *et al.* '388 relates to a device for combining voice and data into a single T1 line which performs the functions of a channel bank, IP gateway, multiplexer, and firewall. The device includes automatic configuration capability which allows the device to be automatically and remotely provisioned, including automatically determining the allocation of voice and data DS0s. Automatic configuration allows installation of the device at a user site by non-data-centric technicians and without the need for pre-installation staging to configure the device.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,



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